

### ChangFu® BN33

Bis[3-(triethoxysilyl)propyl]amine



**Description** ChangFu® BN33 is a dipodal silane that consists of a secondary amine and six hydrolysable ethoxy groups. The chemical structure and unique properties make it serve as a better adhesion promoter and coupling agent than conventional silanes. Compared to 3-Aminopropyltriethoxysilane, ChangFu® BN33 performs better in moisture curable adhesives.

**Features & Benefits** Amino functional dipodal silane with high reactivity.  
Able to increase durability and stability.  
Able to form up to 6 bonds to inorganic substrates.  
Better performance when used in combination with conventional silanes.

**Applications** Used as a surface protection agent for metals such as steel, aluminum, to enhance corrosion resistance and improve adhesion strength.  
Used together with ChangFu® A32(3-Acryloxypropyltrimethoxysilane) in the synthesis of dental resin-based composites.  
Used to prepare hybrid silica membranes which show higher selectivity, improved thermal stability, and chlorine resistant performance.

### Typical Properties

Description	Bis[3-(triethoxysilyl)propyl]amine
Product No.	ChangFu® BN33
CAS No.	13497-18-2
Formula	C <sub>18</sub> H <sub>43</sub> NO <sub>6</sub> Si <sub>2</sub>
Purity	min 95%
Color	Colorless or light yellow
Appearance	Clear liquid

**Package** Offered in 25L PE pails and 200L PVF steel drums.  
Custom packaging is available.

**Storage** Stored in a cool, well-ventilated place.  
Keep container tightly closed.

**Transportation** See the corresponding Safety Data Sheet.